

FIG. 1.

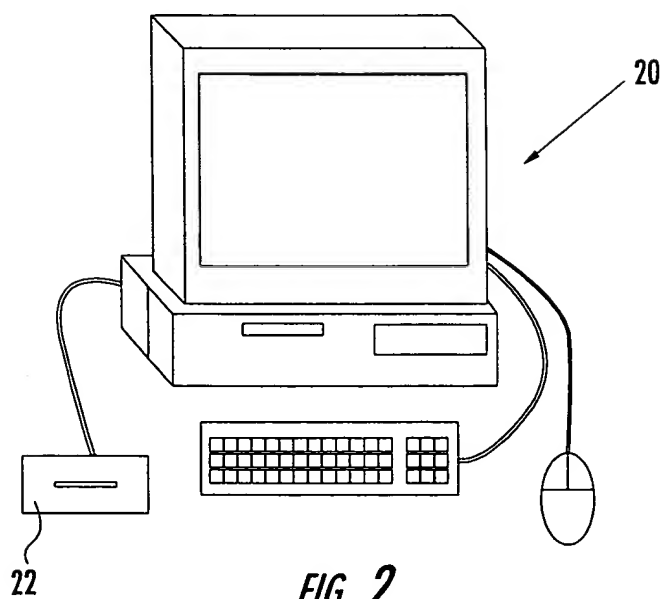


FIG. 2.

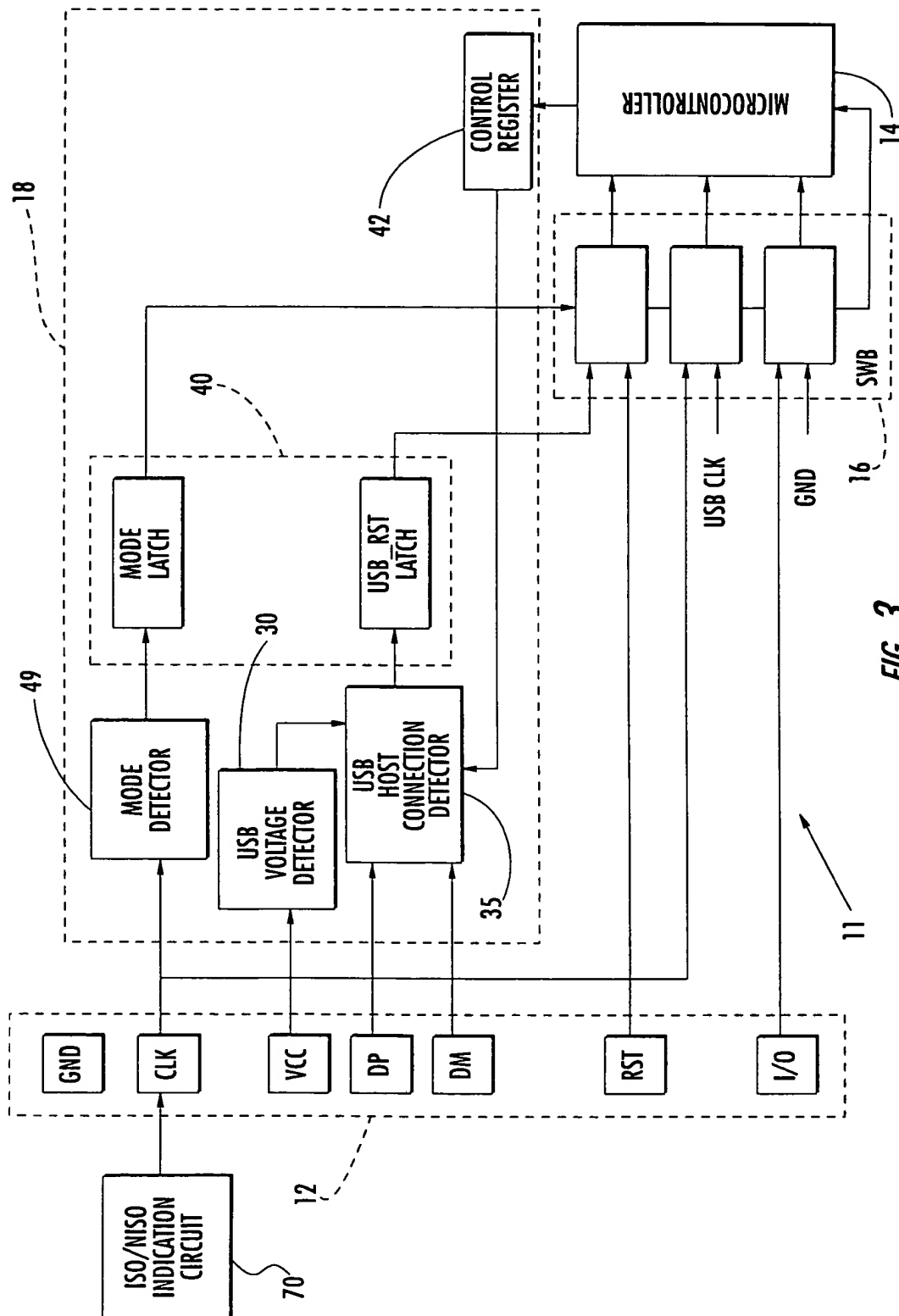


FIG. 3.

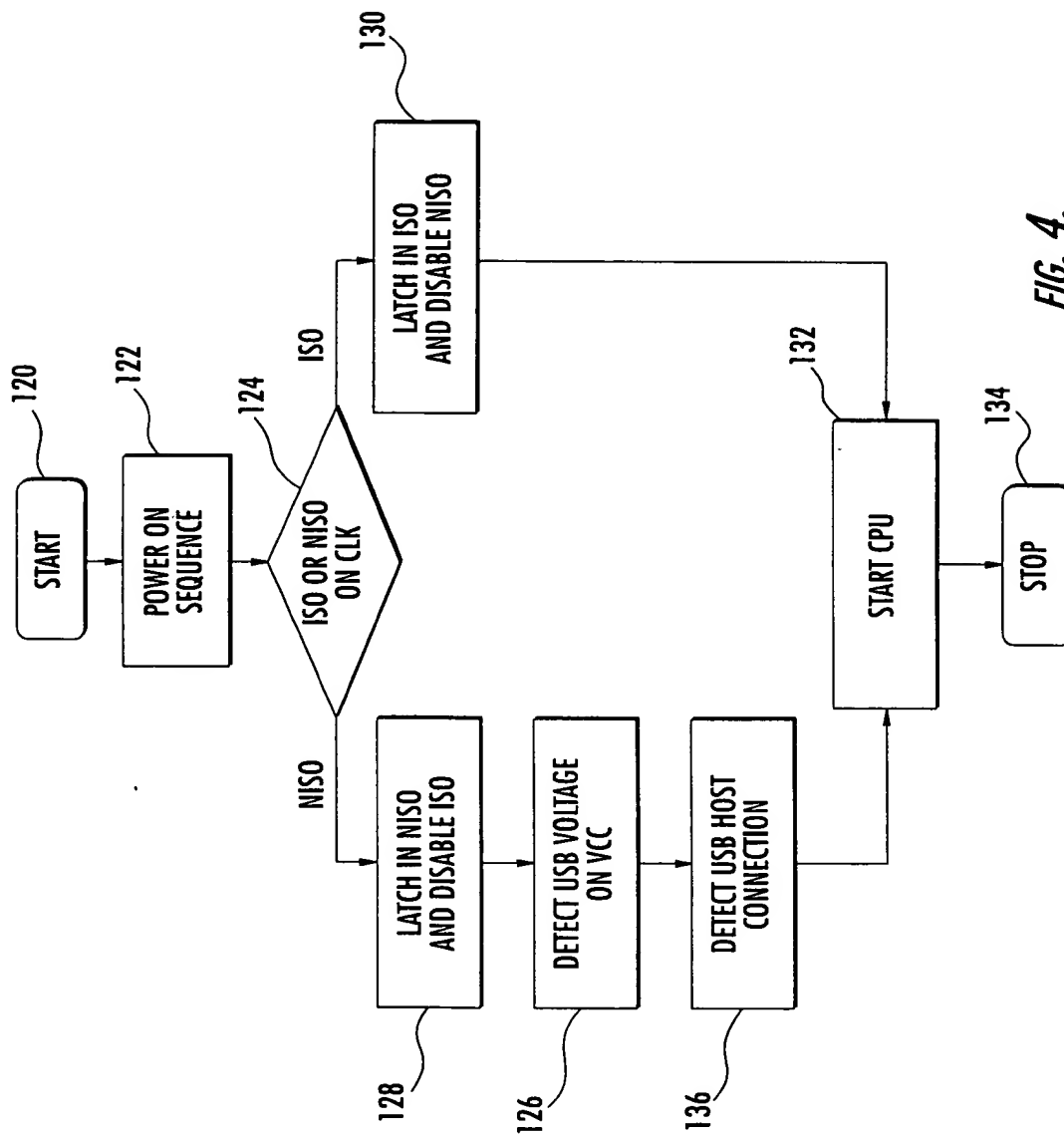


FIG. 4.

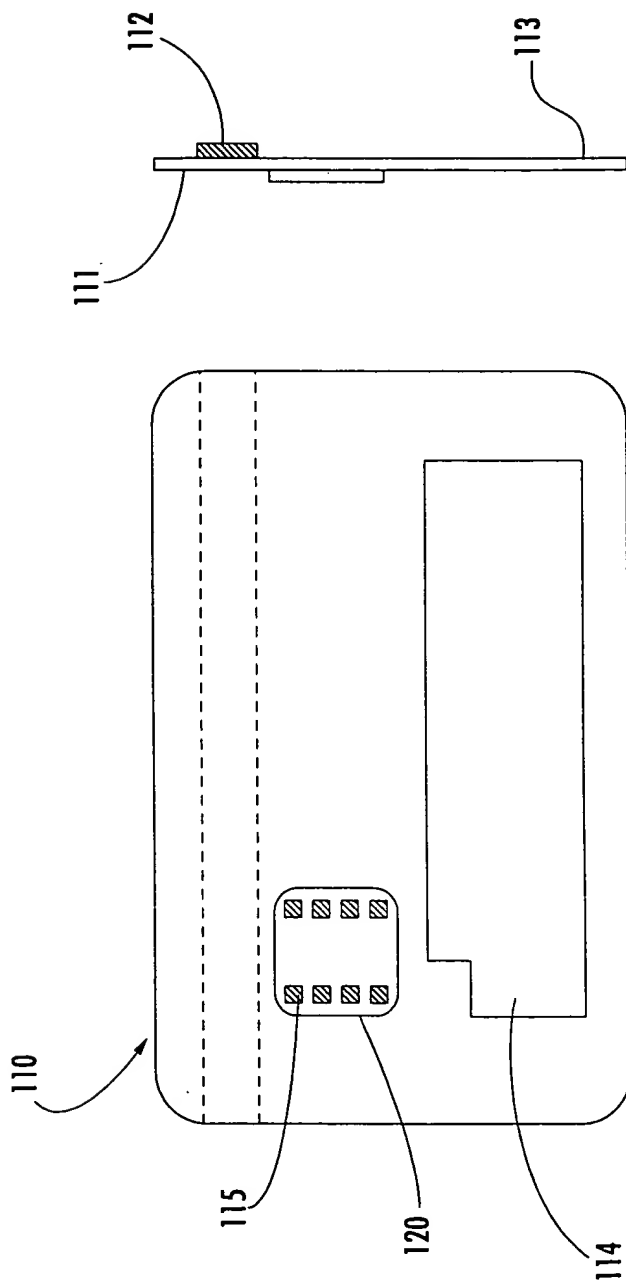


FIG. 5.

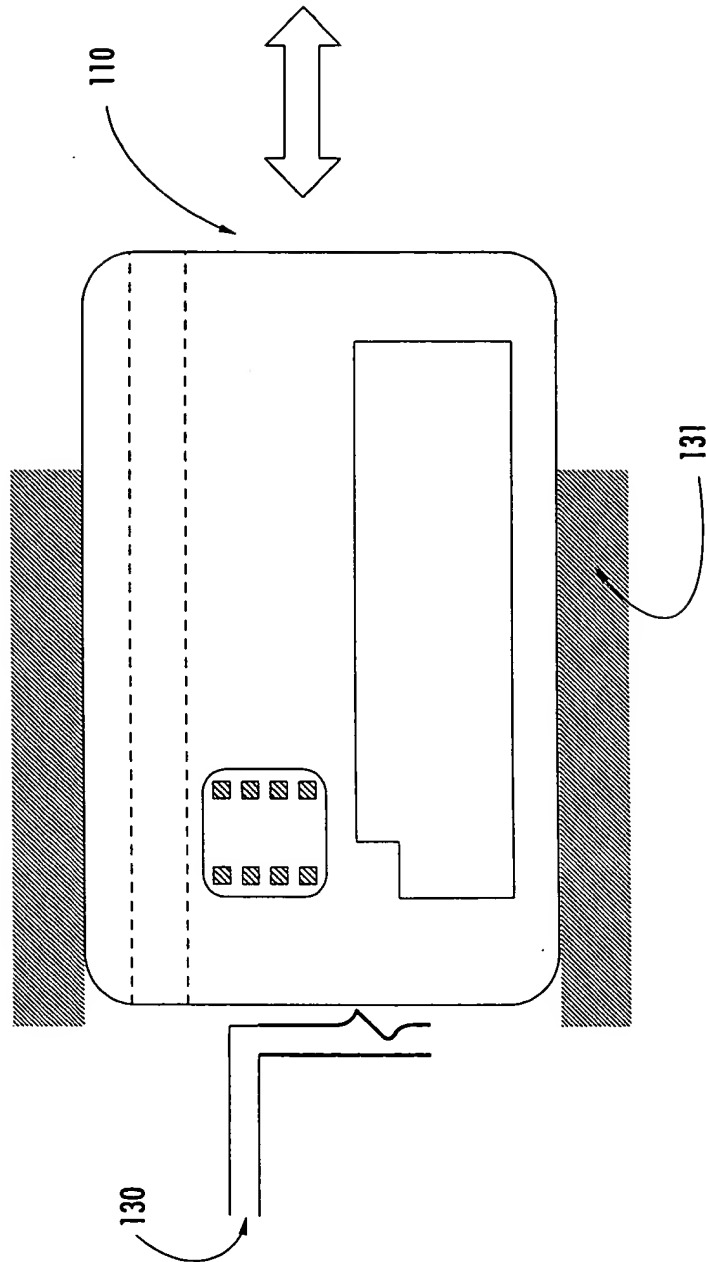


FIG. 6.

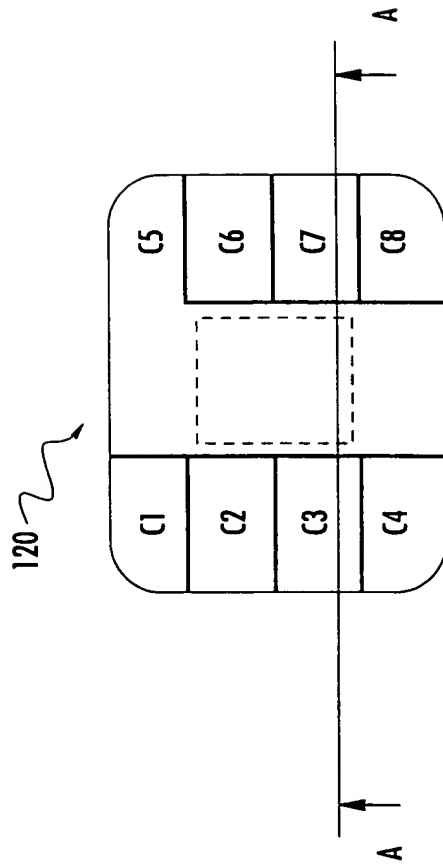


FIG. 7A.

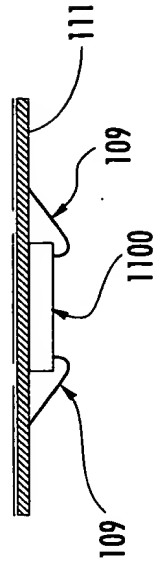


FIG. 7B.

CONVENTIONAL APPLICATIONS				NEW APPLICATIONS			
	I1	I2	A1	A2	USIC	USC	
C1	VCC	VCC	VCC	VCC	VBUS	VBUS	
C2	USED	USED	RST	RST	RST		
C3	USED	USED	CLK	CLK	CLK		
C4	USED	USED			D+	D+	
C5	GND	GND	GND	GND	GND	GND	
C6	VPP	VPP	VPP				
C7	USED	USED	I/O	I/O	I/O		
C8	USED				D-	D-	

ISO CONTACTS

FIG. 8.

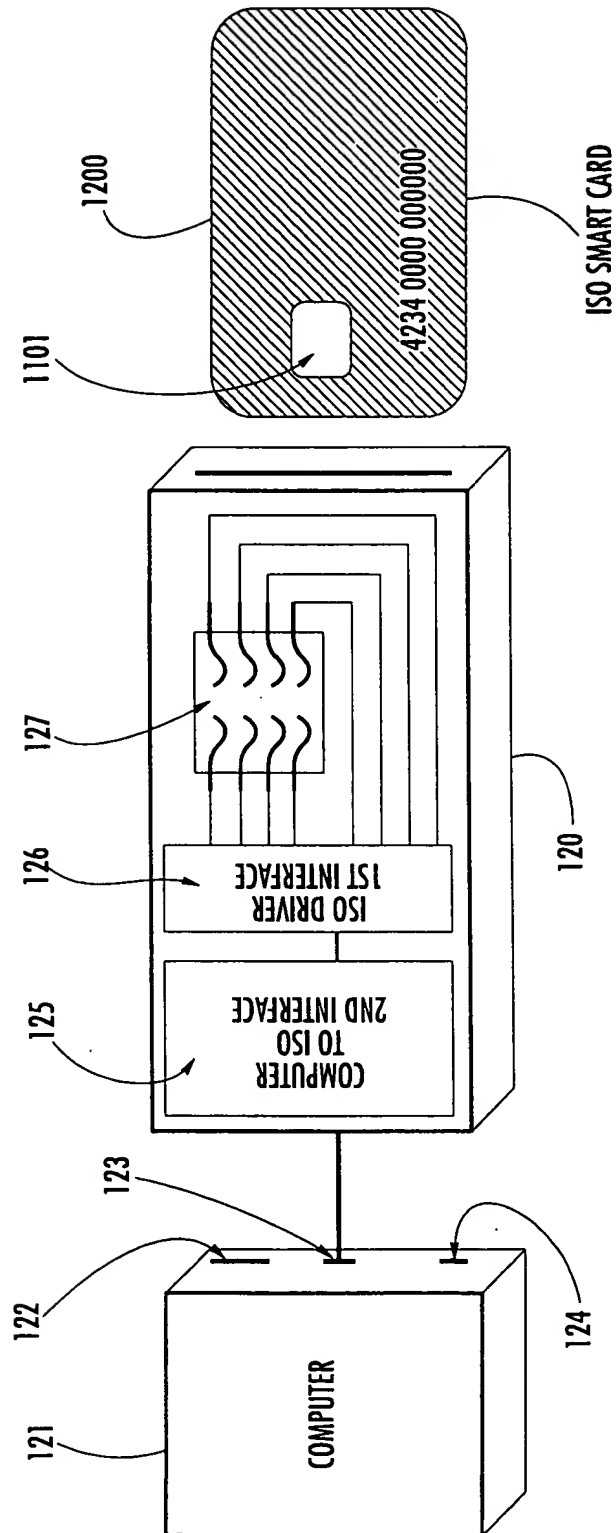


FIG. 9.
PRIOR ART

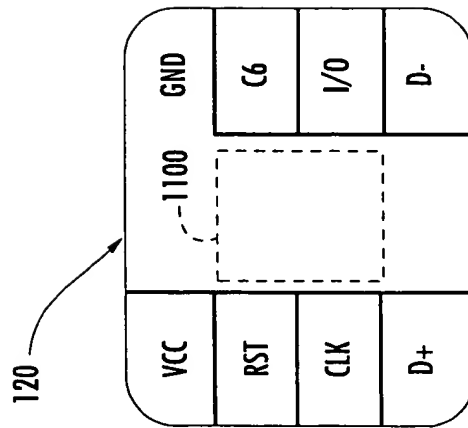


FIG. 10.

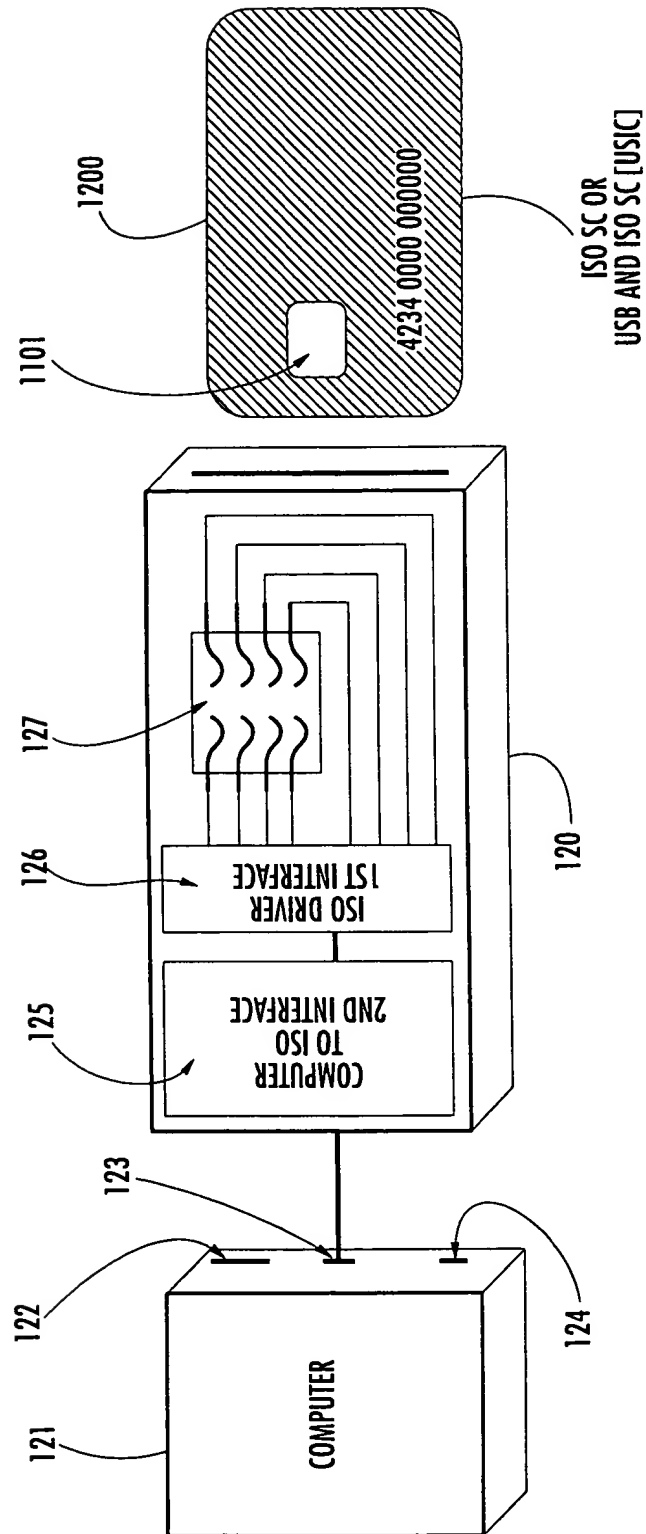


FIG. 11.

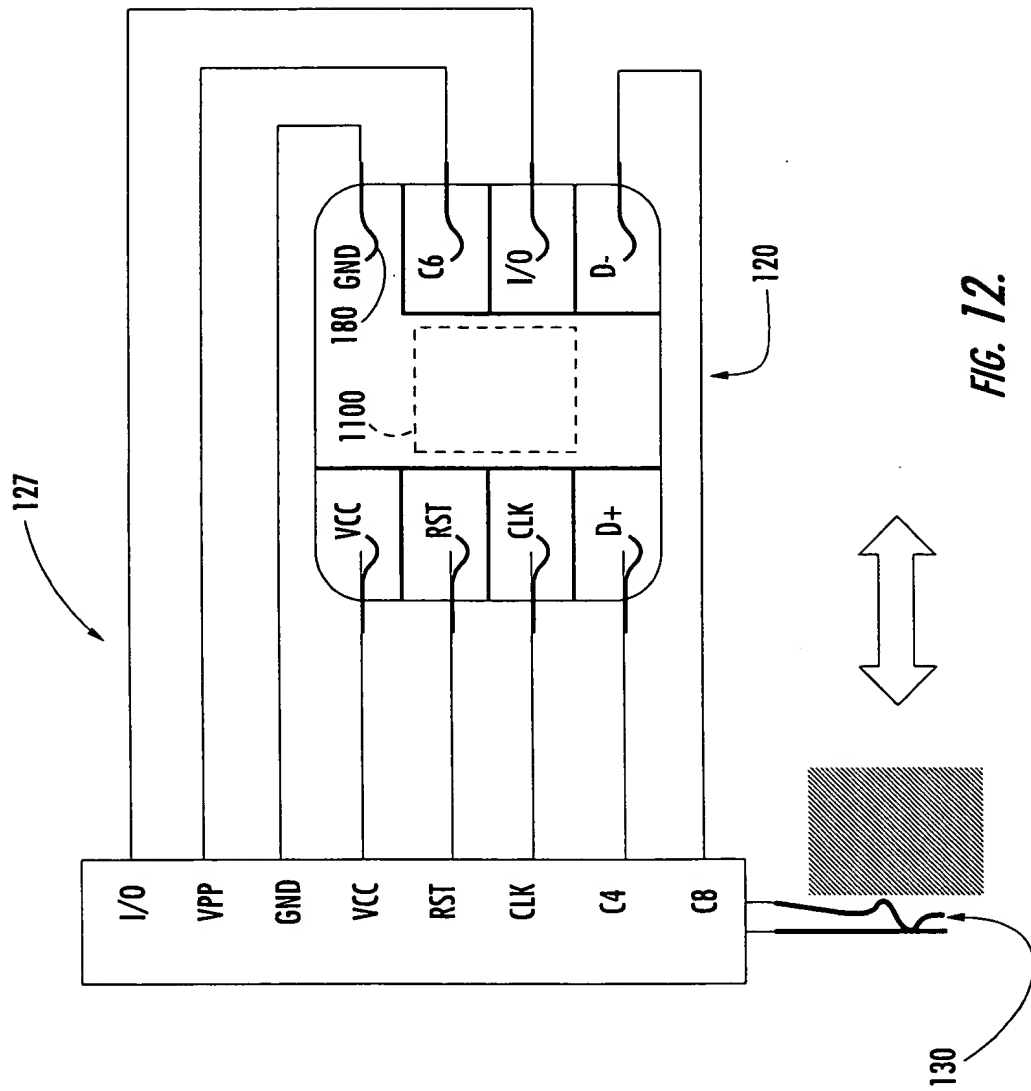


FIG. 12.

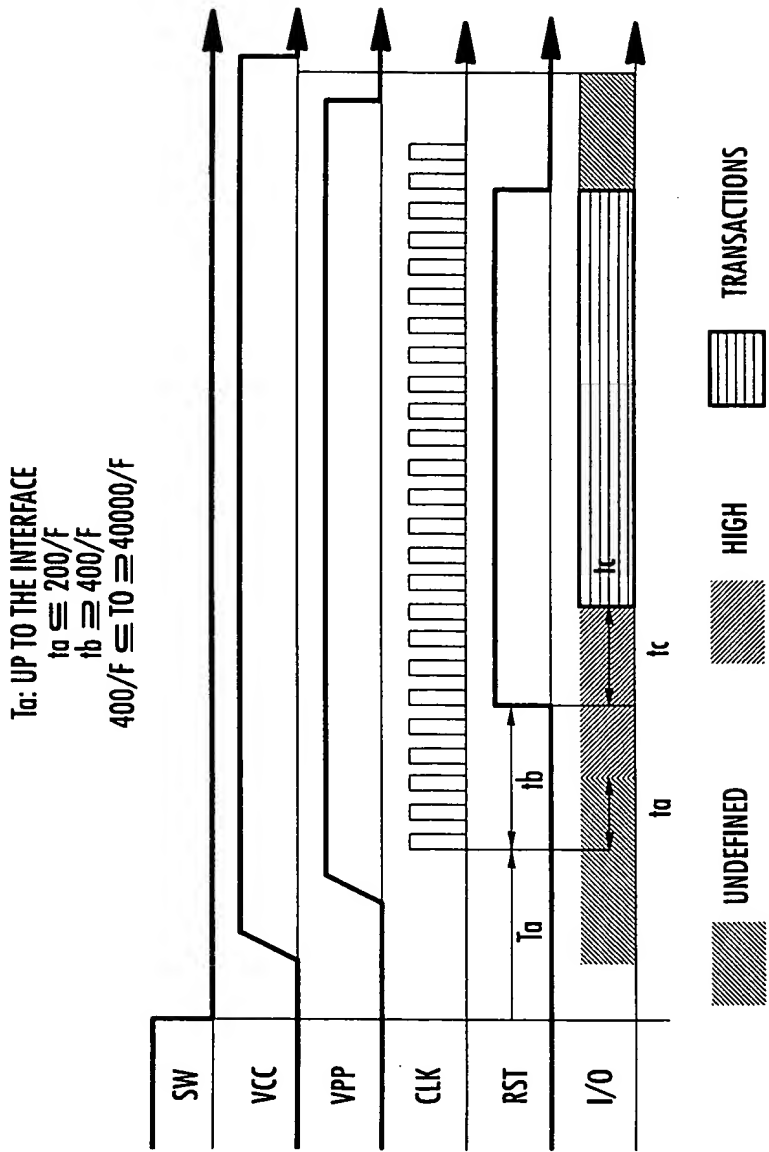


FIG. 13.



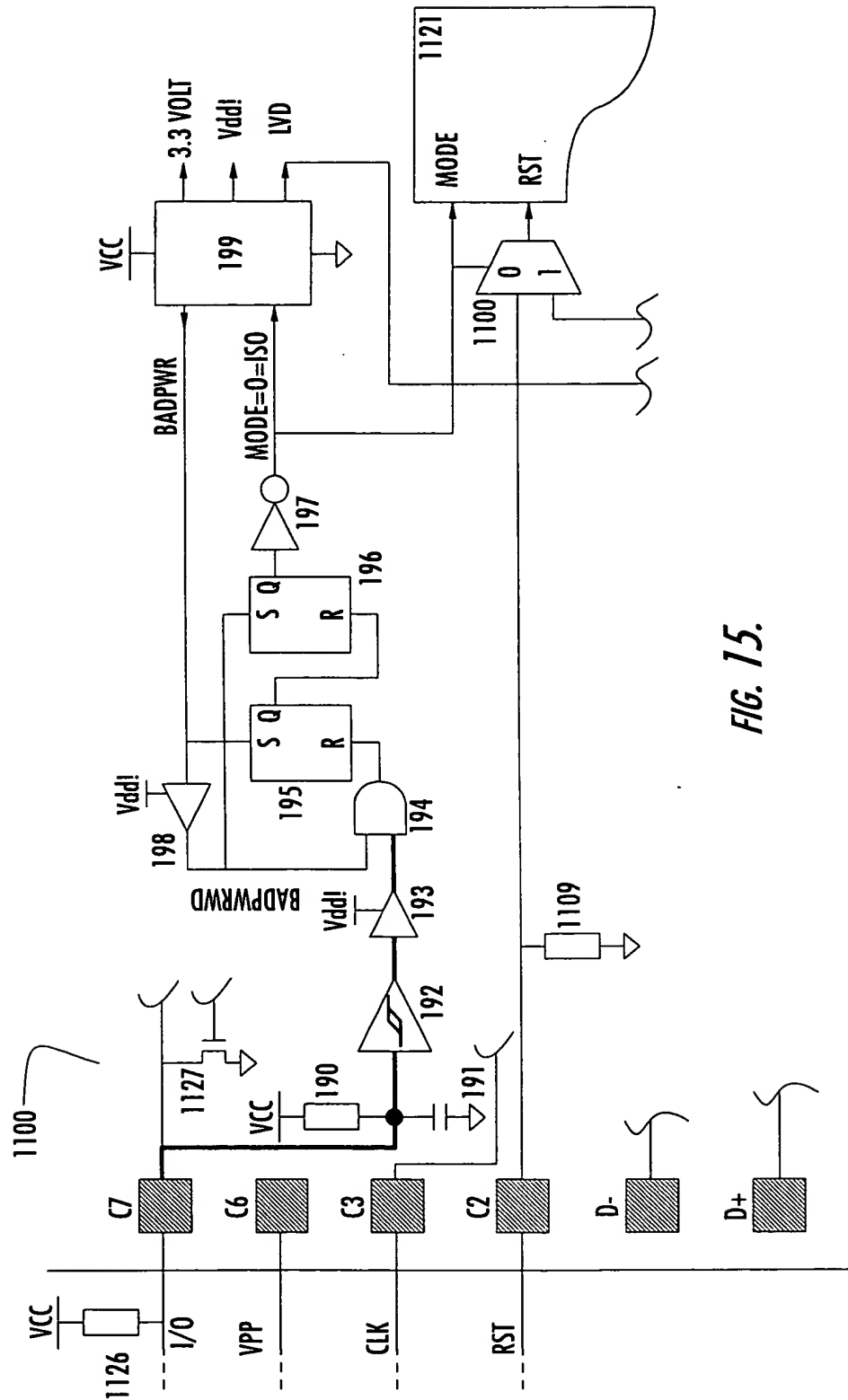


FIG. 15.

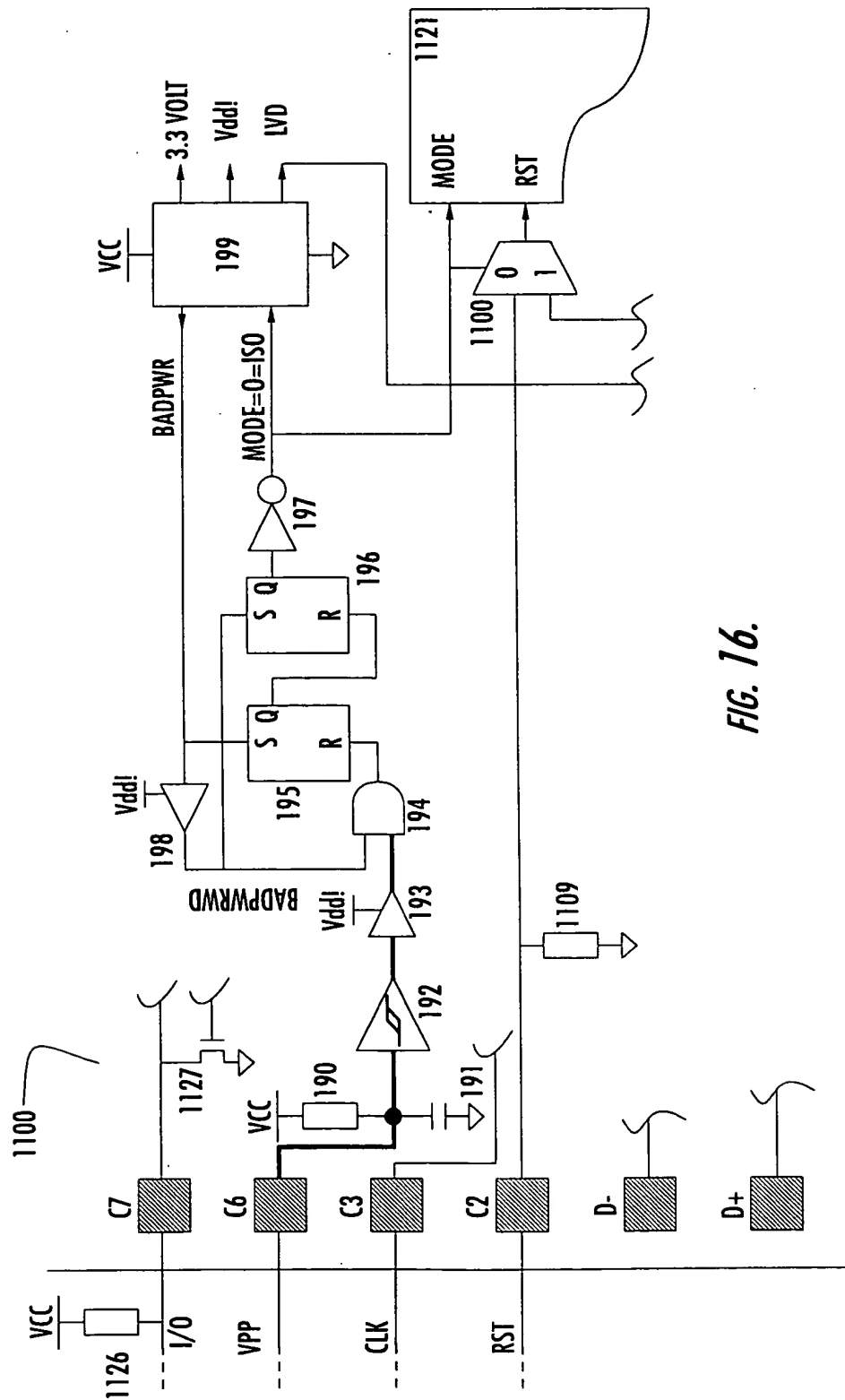


FIG. 16.

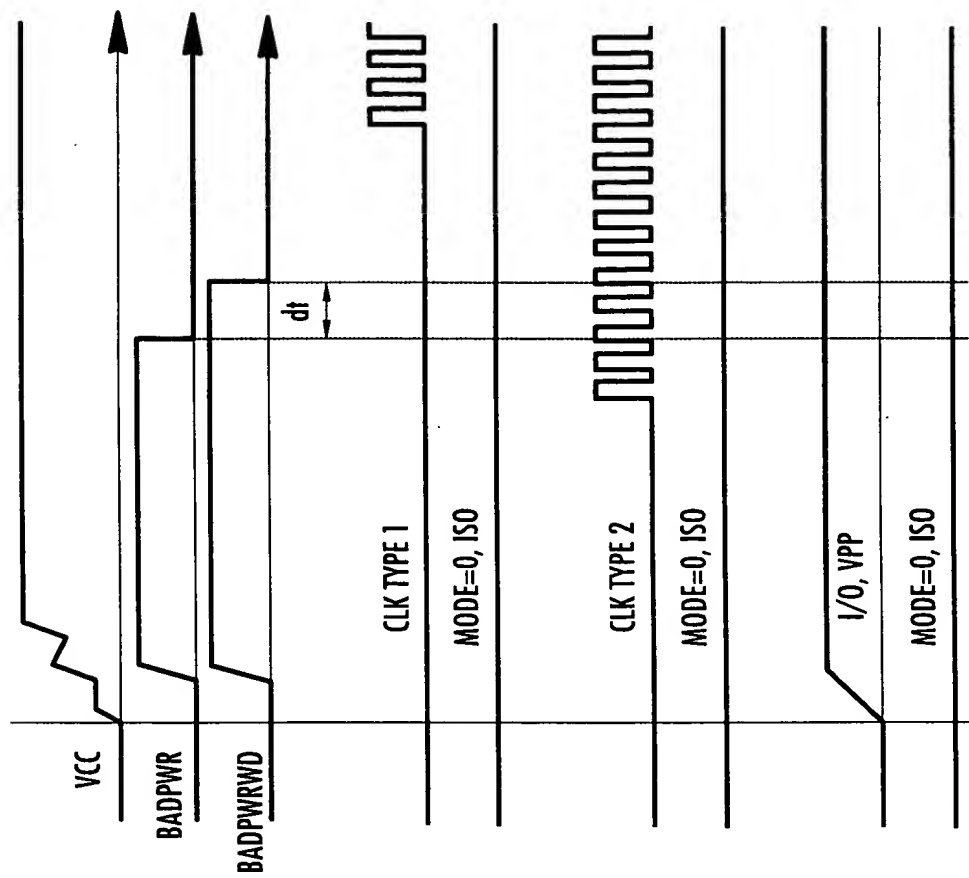


FIG. 17.

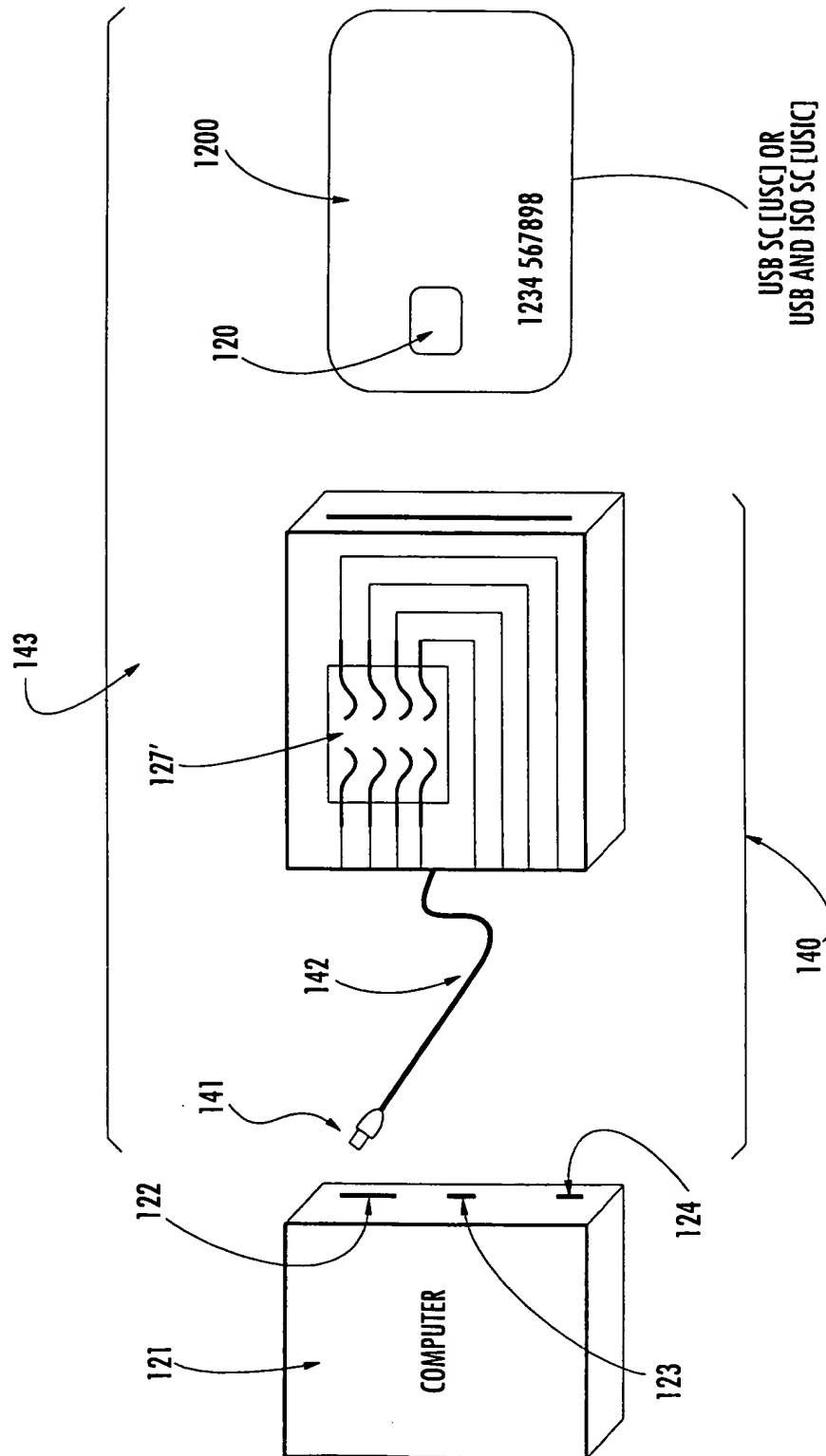


FIG. 18.

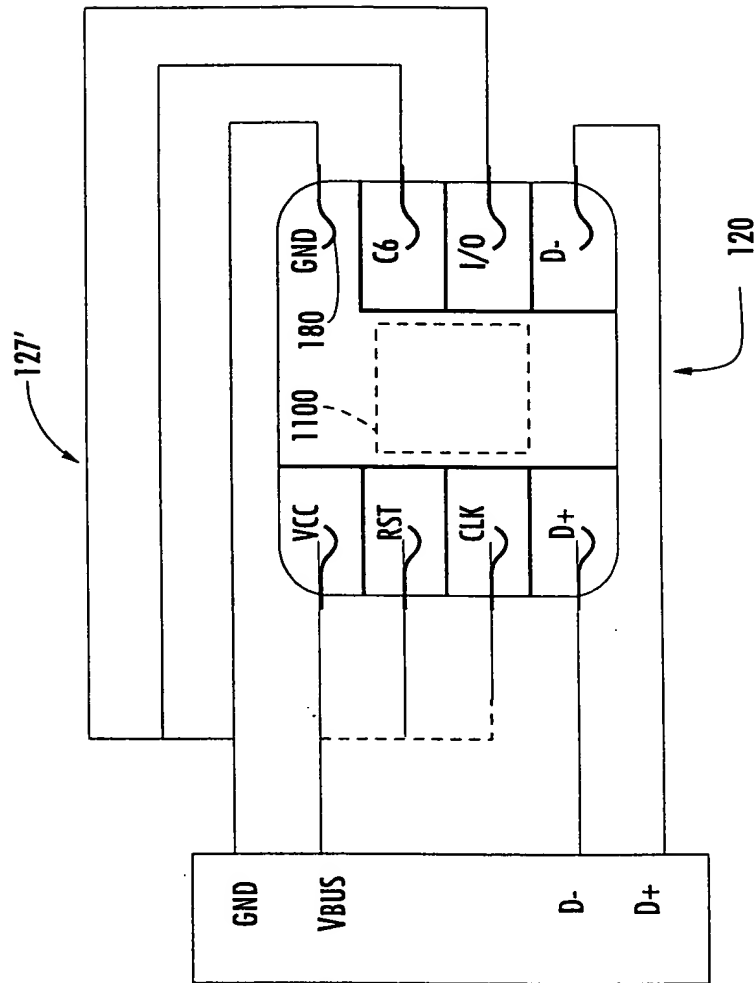


FIG. 19.

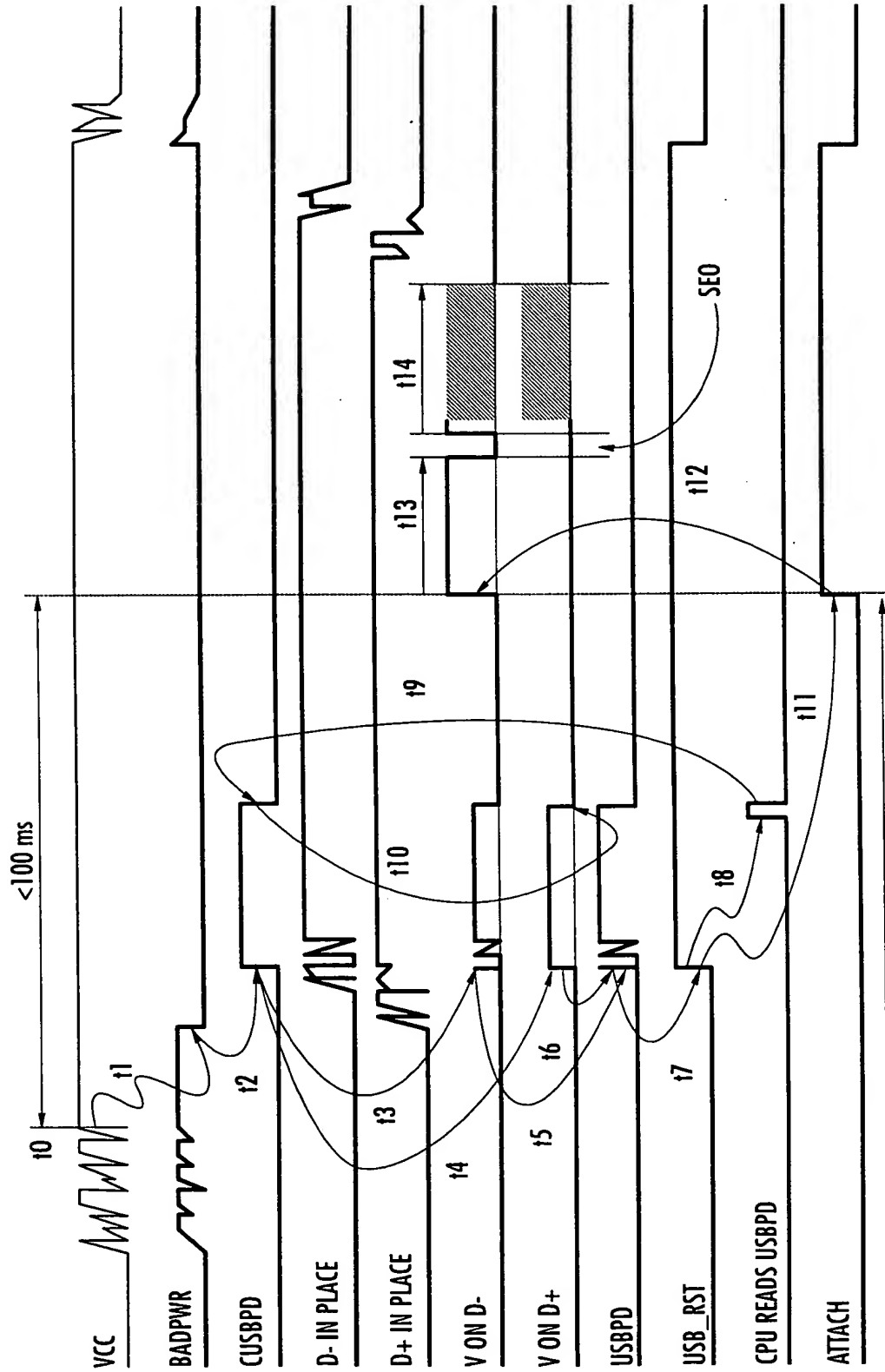


FIG. 20.

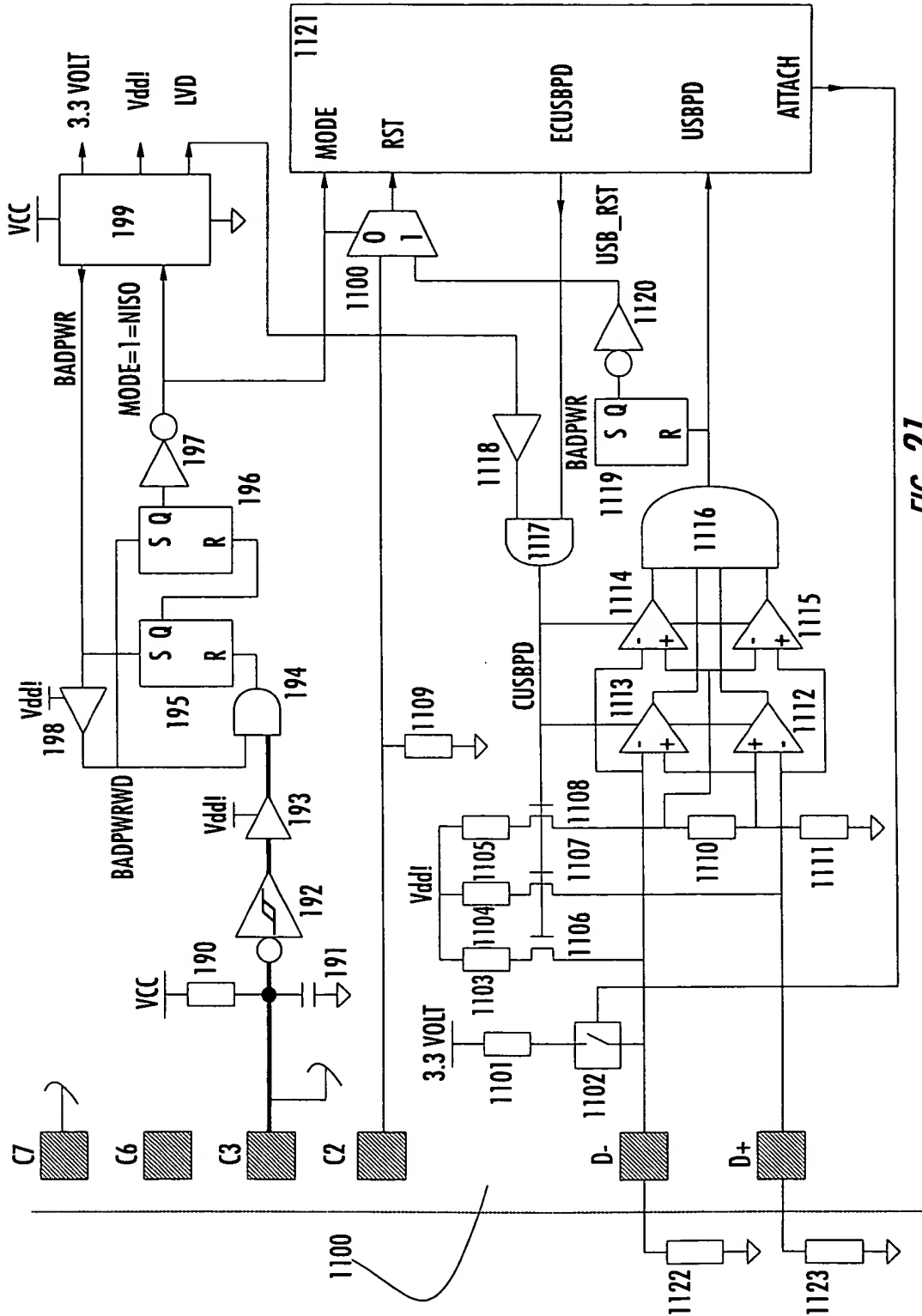


FIG. 21.



FIG. 22.

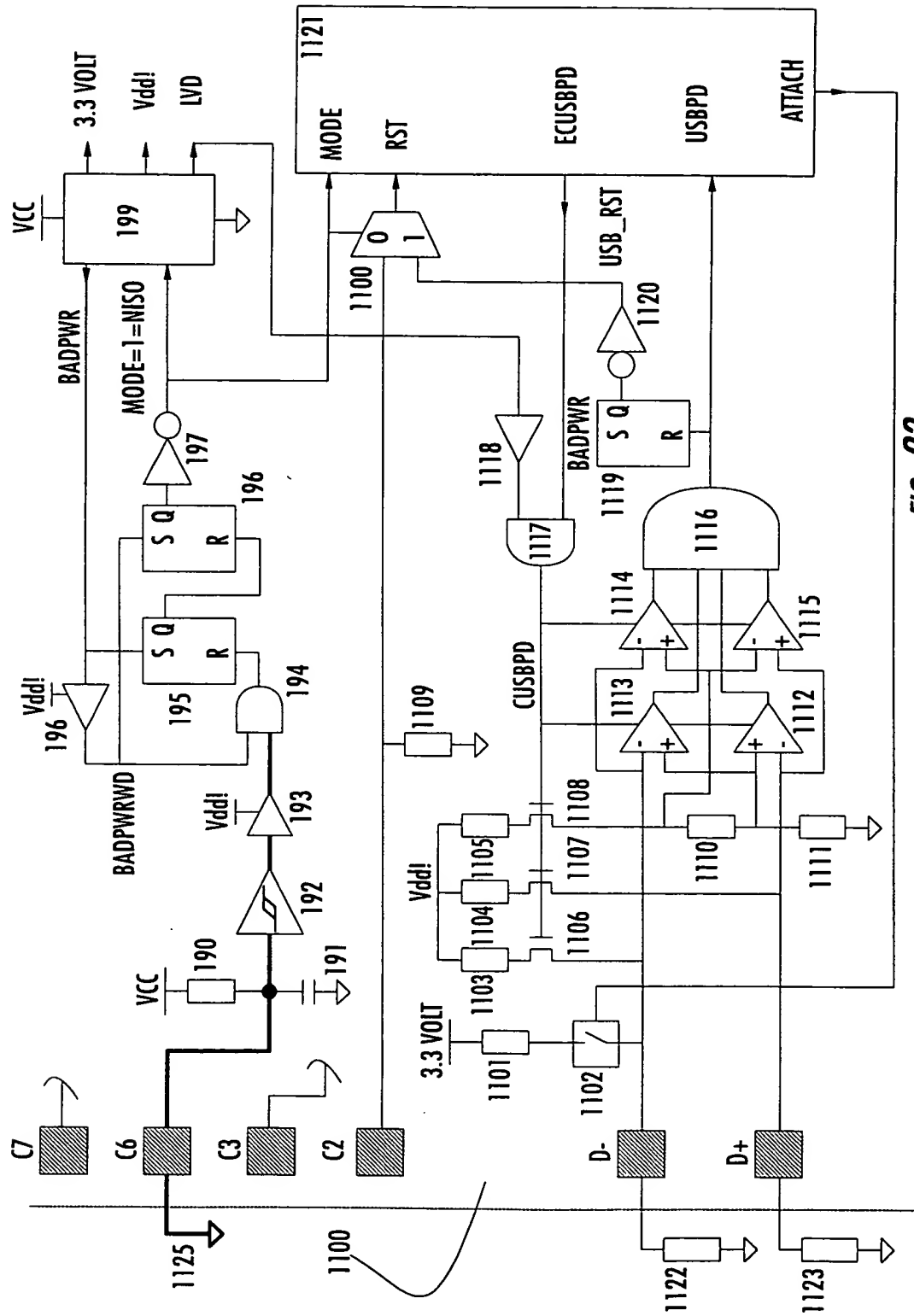


FIG. 23.

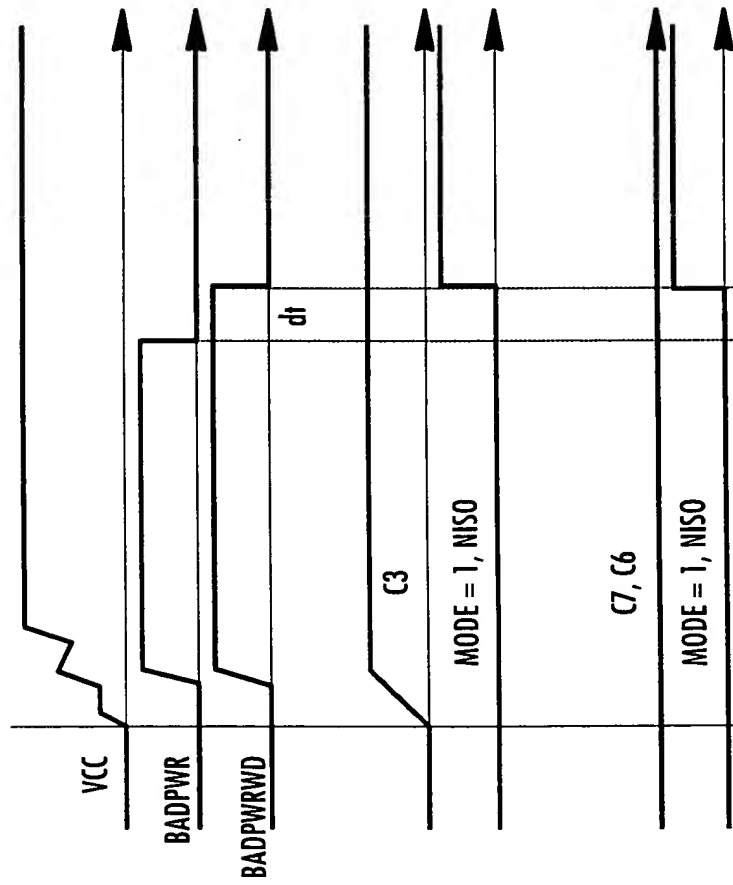


FIG. 24.

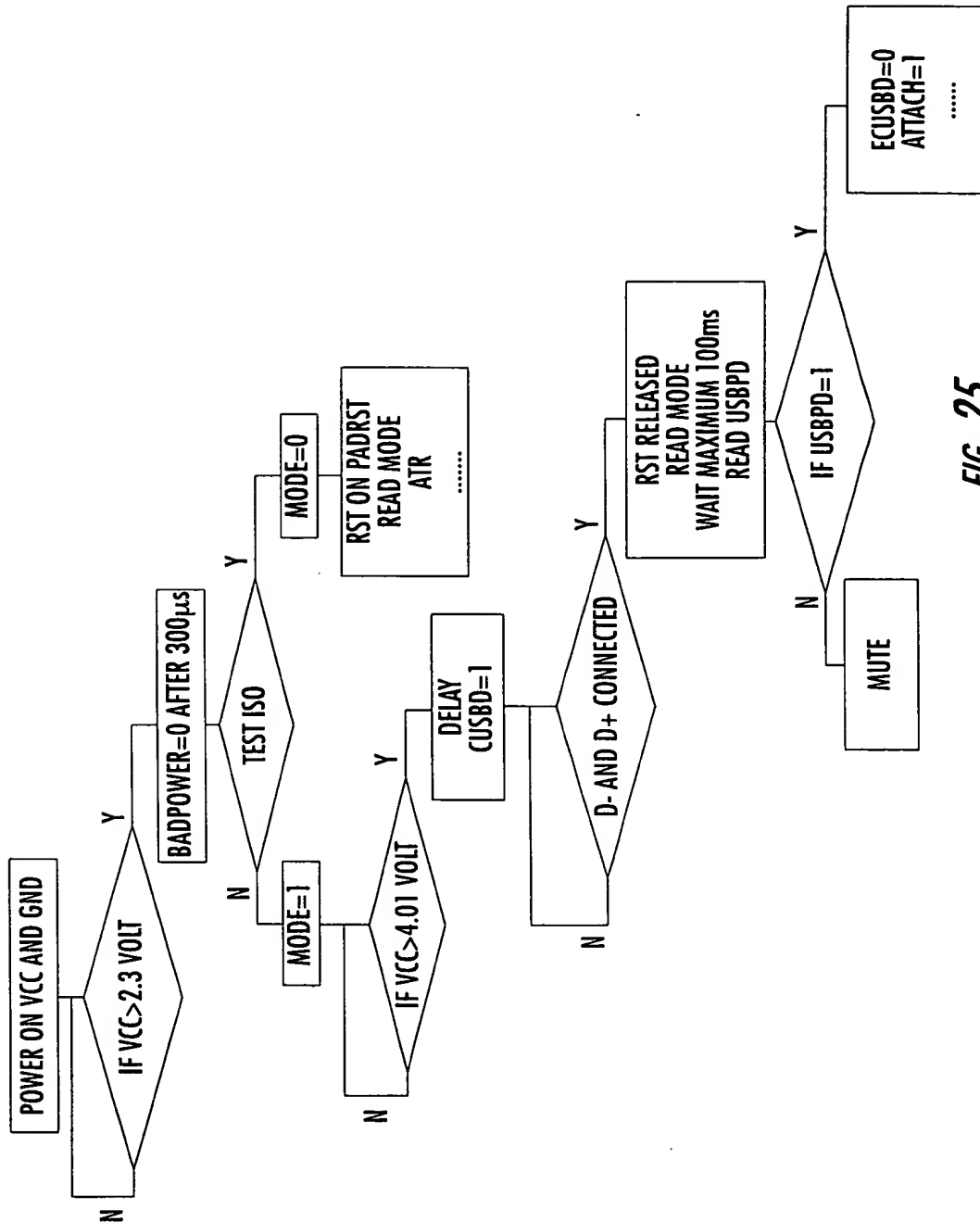


FIG. 25.

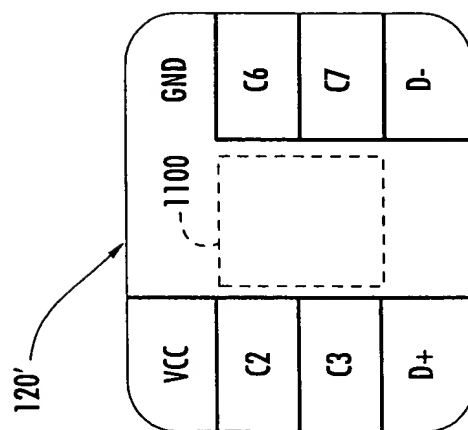


FIG. 26.

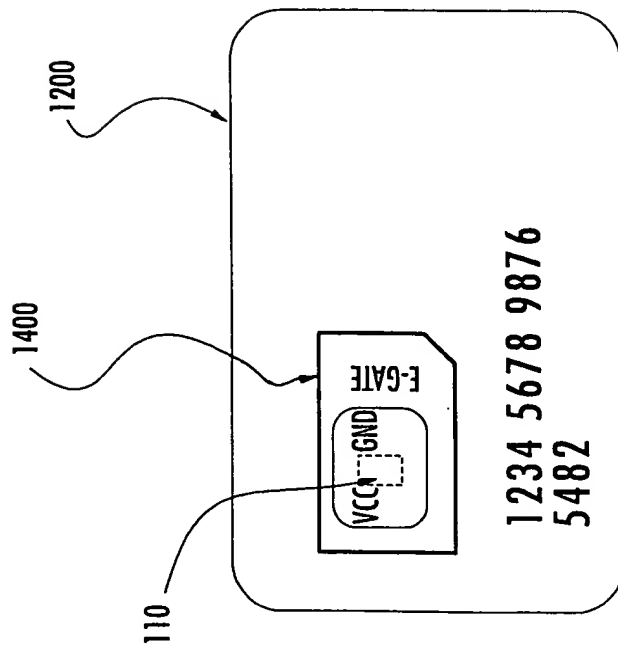


FIG. 27.

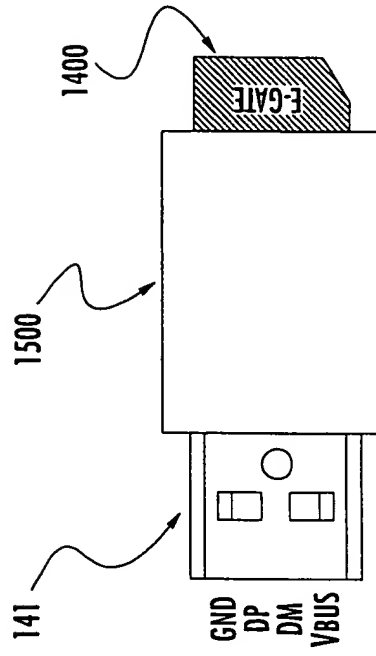


FIG. 28.